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Attorney's Docket No. 046887/251919

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Young *et al.***
Appl. No.: **09/237,291** Group Art Unit: **1635**
Filed: **January 25, 1999** Examiner: **Mary M. Schmidt**
For: **EXPANDED AND GENETICALLY MODIFIED POPULATIONS OF
HEMATOPOIETIC STEM CELLS**

October 1, 2002

Commissioner for Patents
Washington, DC 20231

AMENDMENT

Sir:

Responsive to the Final Office Action mailed August 12, 2001, and the Advisory Action mailed March 27, 2002, Applicants respectfully request reexamination and reconsideration of the above-identified application in view of the following amendments and remarks.

The Examiner is respectfully requested to enter the following amendments.

In the Claims:

✓ ✓ ✓ ✓ ✓ ✓
Please amend claims 20, 24-27, 31, 37, 39-42, and 51 to read as follows:

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20. (Twice amended) The method according to claim 19, further comprising culturing the hematopoietic stem cells in the presence of interleukin 3 (IL-3) in a concentration range of about 5 ng/mL to about 200 ng/mL.

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24. (Twice amended) The method of claim 23, further comprising culturing the stem cells in the presence of an effective amount of leukemia inhibitory factor (LIF) wherein said effective amount is in the range of about 5 ng/mL to about 200 ng/mL.

25. (Twice amended) The method of claim 23, further comprising culturing the stem cells in the presence of an effective amount of interleukin 3 (IL-3) wherein the effective amount is in the range of about 10 ng/mL to about 100 ng/mL.